

Scaffold	Scaffold length (nt)	Name of proviral segment /IVSPER	Proviral/IVSPER sequence length (nt)	Position in scaffold	Direct repeats	Genes present in viral sequence
<i>Hyposoter didymator</i>						
scaffold49647	1586	similar to Hd2	1537	1-1537 (partial)	not applicable	Gly-Pro_P40-like, partial
scaffold28498	4159	Hd45.1	NA	1-4214 (partial)	no repeat found at extremities	U1_Hd45.1, U2_Hd45.1
scaffold82201	6109	Hd51	4632	1077-5708	Hd51_DRJ1R/L, Hd51_DRJ2R/L	Rep1_Hd51
scaffold29771	25145	IVSP_U37	1839	16848-18686	not applicable	single CDS: U37
scaffold29771	25145	Hd46	4109	19344-23452	Hd46_DRJ1R/L, Hd46_DRJ2R/L	Vank_Hd46
scaffold1868	202142	Hd43	4159	193639-197797	Hd43_DRJ1R/L, Hd43_DRJ2R/L	U1_Hd43, Vank1_Hd43
scaffold128213	363895	Hd23.1	4457	208205-212661	Hd23.1_DRJ1R/L	Rep1_Hd23.1
scaffold128213	363895	Hd23.2	3362	248624-251985	Hd23.2_DRJ1R/L	Rep1_Hd23.2
scaffold91	761975	Hd_IVSPER-1	14020	453857-467876	not applicable	U1, IVSP1-1, U2, U3, U4, p53-2, U5, IVSP2-1, N-1, U25
scaffold91	761975	Hd15	4987	469105-474091	Hd15_DRJ1R/L	N1_Hd15
scaffold91	761975	Hd33	3835	485063-488897	Hd33_DRJ1R/L	U1_Hd33, U2_Hd33
scaffold91	761975	Hd24	4697	535698-540394	Hd24_DRJ1R/L	Vank1_Hd24, Vinx1_Hd24
scaffold91	761975	Hd_IVSPER-2	26611	541304-567914	not applicable	N-4, U26, IVSP2-2, IVSP4-1, p12-2, U27, U14, p12-3, U13, U12, U11, U10, U9, U8, IVSP3-1, IVSP1-2, U7, U6, N-3
scaffold91	761975	Hd29	4356	572514-578869	Hd29_DRJ1R/L	N1_Hd29
scaffold128215	912714	Hd9	17892	526917-544808	Hd9_DRJ1R/int/L, Hd9_DRJ2R/L	U1.1_Hd9, U2_Hd9, U6.1_Hd9, U3.1_Hd9, U4.1_Hd9, U5.1_Hd9, U1.2_Hd9, U6.2_Hd9, U3.2_Hd9, U4.2_Hd9, U5.2_Hd9, U1.3_Hd9
scaffold65	1016704	Hd37	3708	342293-346000	Hd37_DRJ1R/L	Rep1_Hd37, U1_Hd37, U2_Hd37
scaffold65	1016704	Hd3	10014	437082-447095	Hd3_DRJ1R/int/L, Hd3_DRJ2R/int/L	Cys1_Hd3, Cys2_Hd3, Cys3_Hd3, Cys4_Hd3, Cys5_Hd3
scaffold90	1092007	Hd1	NA	1-14771 (partial)	Hd1_DRJ1R/int, Hd1_DRJ2R/int-1/int-2	U1_Hd1, U2_Hd1, U3_Hd1, U4_Hd1, U5_Hd1, U6_Hd1
scaffold264	1259582	Hd28	4614	135485-140098	Hd28_DRJ1R/L	Vinx1_Hd28, Vank1_Hd28
scaffold128246	1305886	Hd49	5265	677866-683130	Hd49_DRJ1R/L	Rep1_Hd49, Rep2_Hd49, Rep3_Hd49
scaffold429	1434187	Hd48	9673	531833-541505	Hd48_DRJ1R/L, Hd48_DRJ2R/L	Rep1_Hd48, Rep2_Hd48
scaffold144	1844462	Hd20	6864	1449468-1456331	Hd20_DRJ1R/L, Hd20_DRJ2R/L	Cys1_Hd20, Cys2_Hd20
scaffold116	1992701	Hd35	3710	473341-477050	Hd35_DRJ1R/L	Rep1_Hd35
scaffold64	2416597	Hd14	5196	36336-41531	Hd14_DRJ1R/L	Vinx1_Hd14, U1_Hd14
scaffold64	2416597	Hd32	7916	88702-96617	Hd32_DRJ1R/L, Hd32_DRJ2R/L	Vinx1_Hd32, Vinx2_Hd32, U1.1_Hd32, U1.2_Hd32
scaffold64	2416597	Hd42	3157	2320523-2323679	Hd42_DRJ1R/L	Rep1_Hd42
scaffold64	2416597	Hd21	4368	2353107-2357474	Hd21_DRJ1R/L	Rep1_Hd21, Vinx1_Hd21
scaffold377	2592399	Hd8	7356	2186417-2193772	Hd8_DRJ1R/L, Hd8_DRJ2R/L	U1_Hd8, U2_Hd8, U3_Hd8, U4_Hd8, U5_Hd8
scaffold377	2592399	Hd4	10326	2459681-2470006	Hd4_DRJ1R/int/L	Rep1_Hd4, Rep2_Hd4, Rep3_Hd4, Rep4_Hd4, Rep5_Hd4, Rep6_Hd4
scaffold161	2602850	Hd25	4174	2449400-2453573	Hd25_DRJ1R/L	PRRP1_Hd25, PRRP2_Hd25, PRRP3_Hd25
scaffold127549	2774194	Hd31-34	4119	144445-148563	Hd31-34_DRJ1R/L, Hd31-34_DRJ2R/L	U1_Hd31-34, U2_Hd31-34
scaffold59	2934223	Hd12	5902	674917-680818	Hd12_DRJ1R/L	U1_Hd12, Rep1_Hd12, U2_Hd12, Rep2_Hd12
scaffold59	2934223	Hd16	7704	690205-697908	Hd16_DRJ1R/L, Hd16_DRJ2R/L	Rep1_Hd16, Rep2_Hd16, Rep3_Hd16, U1_Hd16, U2_Hd16
scaffold59	2934223	Hd11	9190	2183512-2192701	Hd11_DRJ1R/L, Hd11_DRJ2R/L	U1_Hd11, Rep1_Hd11, Vank1_Hd11, Vank1p_Hd11, Vank2_Hd11, Vank3_Hd11, Vank4_Hd11, Vank5_Hd11
scaffold59	2934223	Hd10	6507	2500377-2506883	Hd10_DRJ1R/int/L, Hd10_DRJ2R/L	Rep1_Hd10, Rep2_Hd10, Rep3_Hd10
scaffold198	3327987	Hd19	4440	1265454-1269893	Hd19_DRJ1R/L	U1_Hd19
scaffold119	3623981	Hd22	4178	698427-702604	Hd22_DRJ1R/L	Rep1_Hd22, U1_Hd22
scaffold127348	3747147	Hd40	3494	926528-930021	Hd40_DRJ1R/L	U1_Hd40, U2_Hd40
scaffold357	4004213	Hd50	5787	2218373-2224159	Hd50_DRJ1R/L	Vinx1_Hd50, Vinx2_Hd50
scaffold128243	5513913	Hd44.2	4831	4197203-4202033	Hd44.2_DRJ1R/L	Rep1_Hd44.2, U1_Hd44.2
scaffold128243	5513913	Hd44.1	3009	4203985-4206993	Hd44.1_DRJ1R/L	U1_Hd44.1
scaffold351	5773413	Hd18	4696	2681961-2686656	Hd18_DRJ1R/L	N1_Hd18
scaffold351	5773413	Hd17	7730	2329273-2337002	Hd17_DRJ1R/L, Hd17_DRJ2R/L	Rep1_Hd17, Rep2_Hd17, Rep3_Hd17, Rep4_Hd17, Rep5_Hd17
scaffold22	5910489	Hd39	4122	1002620-1006741	Hd39_DRJ1R/L, Hd39_DRJ2R/L	Rep1_Hd39

scaffold128241	6033897	Hd13	5757	402487-408243	Hd13_DRJ1R/L	Cys1_Hd13, Cys2_Hd13
scaffold67	6283432	Hd30	4164	5867182-5871345	Hd30_DRJ1R/L, Hd30_DRJ2R/L	Vinx1_Hd30, U1_Hd30, U2_Hd30, U3_Hd30
scaffold184	7628668	Hd45.2	2051	3564791-3566841	no repeat found at extremities	U1_Hd45.2
scaffold184	7628668	Hd41	7953	3768924-3776876	Hd41_DRJ1R/L, Hd41_DRJ2R/L	U1_Hd41, U2_Hd41, U3_Hd41
scaffold175	12456768	Hd36	3738	3796140-3799877	Hd36_DRJ1R/L	U1_Hd36, Vinx1_Hd36
scaffold175	12456768	Hd38	3664	3800393-3804056	Hd38_DRJ1R/L	U1_Hd38, Vinx1_Hd38, U2_Hd38
scaffold175	12456768	Hd26	5018	10942034-10947051	Hd26_DRJ1R/L, Hd26_DRJ2R/L	PRRP1_Hd26, PRRP2_Hd26, U1_Hd26
scaffold127548	15678958	Hd6	10461	5808388-5818848	Hd6_DRJ1R/int/L, Hd6_DRJ2R/L	U1.1_Hd6, P30_Hd6, Rep1_Hd6, U1.2_Hd6
scaffold127548	15678958	Hd2	13937	5940296-5954232	Hd2_DRJ1R/int/L, Hd2_DRJ2R/L	GlyPro1_Hd2, U1_Hd2, U2_Hd2, GlyPro2_Hd2, SerThr1_Hd2
scaffold127548	15678958	Hd7	8066	6062921-6070986	Hd7_DRJ1R/L	U1_Hd7
scaffold127548	15678958	Hd_IVSPER-4	15811	6832835-6848646	not applicable	U29, U30, U31, U32, U33, U34
scaffold127548	15678958	Hd_IVSPER-3	25432	10761570-10787001	not applicable	U15, IVSP3-2, U16, U17, U18, p12-1, U19, IVSP4-2, U20, U21, U22, U23, U28, p53-1, U24, N-2
scaffold127548	15678958	Hd_IVSPER-5	1629	10860001-10861630	not applicable	U35, U36
scaffold127548	15678958	Hd47	4503	12134587-12139089	Hd47_DRJ1R/L	Rep1_Hd47, Rep2_Hd47
scaffold127548	15678958	Hd5	13713	12941247-12954959	Hd5_DRJ1R/int-1/int-2/L	Vinx1_Hd5, Vinx2_Hd5, U1_Hd5, Vinx3_Hd5, Vinx4_Hd5, Vinx5_Hd5, Vinx6_Hd5
scaffold127548	15678958	Hd27	4002	13338255-13342256	Hd27_DRJ1R/L	U1_Hd27, K19_Hd27
<i>Campoletis sonorensis</i>						
scaffold_8749	2269	rep gene	NA	not applicable	not applicable	rep gene 1
scaffold_8748	2287	rep gene	NA	not applicable	not applicable	rep gene 2
scaffold_7280	2380	CsV	NA	not applicable	not applicable	cys_CsV, partial
scaffold_8362	5297	CsX5, partial	>5297	1-5297	no repeat searched	rep1_CsX5, rep2_CsX5
scaffold_4391	18751	CsL	10024	8079-18102	CsL_DRJ1R/L	cys_CsL
scaffold_5218	32996	CsP	12113	15720-27832	CsP_DRJ1R/L	vank4_CsP, vank3_CsP, vank2_CsP, vank1_CsP
scaffold_5934	46742	CsX1	17335	19391-36725	CsX1_DRJ1R/int1/int2/L	vank1_CsX1, vnx1_CsX1, rep1_CsX1, vank2_CsX1, vank3_CsX1, vank4_CsX1, vnx2_CsX1, rep2_CsX1, vank5_CsX1
scaffold_128	152063	CsI2	9042	110016-119057	CsI2_DRJ1R/L	vank1_CsI2, rep_CsI2, vank2_CsI2, vank3_CsI2
scaffold_35	217784	CsX8	9999	164467-174465	CsX8_DRJ1R/L	HP1_CsX8, cys_CsX8, HP2_CsX8
scaffold_5890	247009	CsZ	15871	134147-150017	CsZ_DRJ1R/L	rep1_CsZ, rep2_CsZ, rep3_CsZ, rep4_CsZ, rep5_CsZ, rep6_CsZ, rep7_CsZ
scaffold_110	266287	CsX2	10806	248068-258873	CsX2_DRJ1R/L, CsX2_DRJ2R/L	vank1_CsX2, vank2_CsX2, vank3_CsX2, vank4_CsX2, rep_CsX2
scaffold_50	323180	Cs_IVSPER-3	8610	218627-227236	not applicable	IVSP4L-2, U4L, p53L-3, U5L, IVSP2L-2, CsN-3
scaffold_50	323180	CsQ	12543	290527-303069	CsQ_DRJ1R/int/L	rep1_CsQ, vinx1_CsQ, vinx2_CsQ, rep2_CsQ, rep3_CsQ, rep4_CsQ
scaffold_6122	412025	Cs_IVSPER-1	31594	122689-154282	not applicable	U15L, IVSP1L-1, U37L-1, U31L-1, U35L, Gf_U27L, U17L, p12L-1, U19L, IVSP4L-1, U22L, U23L, p53L-1, U24L, CsN-1
scaffold_6122	412025	IVSP_U36L	471	234803-235273	not applicable	U36L
scaffold_60	424299	CsX3, partial	>7876	304794-312669	no repeat found at extremities	rep1_CsX3, rep2_CsX3, rep3_CsX3, rep4_CsX3
scaffold_6095	433103	CsX7, partial	>6041	183042-189082	no repeat found at extremities	rep1_CsX7, rep2_CsX7, rep3_CsX7
scaffold_6070	495171	CsO1	12746	168701-181446	no repeat found at extremities	4rep_CsO1, 3rep_CsO1
scaffold_116	506917	CsT	23217	7789-31005	CsT_DRJ1R/L, CsT_DRJ2R/L	no gene found
scaffold_49	562263	CsB	6626	22030-28655	CsB_DRJ1R/L	rep_CsB
scaffold_14	725399	CsG2	8338	192247-200584	CsG2_DRJ1R/L	rep1_CsG2, rep2_CsG2, rep3_CsG2, rep4_CsG2
scaffold_14	725399	CsG	8656	76017-84672	CsG_DRJ1R/L	vnx_CsG
scaffold_28	729583	CsC	7350	25280-32629	no repeat found at extremities	overlap Cs_IVSPER-2
scaffold_28	729583	CsW	15807	614005-629811	CsW_DRJ1R/int1/int2/L	cys1_CsW, cys2_CsW, rep1_CsW, cys3_CsW, rep2_CsW, rep3_CsW
scaffold_28	729583	Cs_IVSPER-2	33269	7310-40578	not applicable	p53L-2, U6L, U7L, IVSP1L-2, IVSP3L, U31L-2, U8L, U9L, U16L, U10L, U11L, U12L, U13L, p12L-2, U3L, IVSP2L-1, U26L, CsN-2, U25L
scaffold_22	866858	CsI	8779	695663-704441	CsI_DRJ1R/L	rep1_CsI, rep2_CsI, rep3_CsI
scaffold_57	1098263	Cs_IVSPER-4	9937	383305-393241	not applicable	U30L, U34L, IVSP4L-3
scaffold_131	1180360	CsF	8155	808380-816534	CsF_DRJ1R/L	cys_CsF
scaffold_149	1226226	CsU	15338	374074-389411	CsU_DRJ1R/L	cys1_CsU, cys2_CsU, cys3_CsU, cys4_CsU, cys5_CsU
scaffold_11	1376756	CsA	6368	861628-867995	CsA_DRJ1R/L	cys_CsA
scaffold_17	1497664	CsE	7990	1330025-1338014	CsE_DRJ1R/L	rep1_CsE, rep2_CsE, rep3_CsE
scaffold_12	1572921	IVSP_U37L	1863	104145-106007	not applicable	U37L-2

scaffold_23	1817383	CsM	12197	1422227-1434423	CsM_DRJ1R/L	N_CsM
scaffold_5	1987530	CsN	10943	175169-186111	CsN_DRJ1R/L	N1_CsN, N2_CsN
scaffold_38	2232507	CsH	9050	1398066-1407115	CsH_DRJ1R/L	5rep_CsH
scaffold_16	3063130	Cs_IVSPER-5	3750	2424942-2428691	not applicable	IVSP1L-3, U2L, U1L
scaffold_16	3063130	CsX6	9213	504600-513812	CsX6_DRJ1R/L	rep1_CsX6, rep2_CsX6
scaffold_10	3211285	CsD	8168	961052-969219	CsD_DRJ1R/L	vnX_CsD
scaffold_15	5987914	CsJ	9484	2621922-2631405	CsJ_DRJ1R/int/L	rep1_CsJ, rep2_CsJ, rep3_CsJ
scaffold_13	6115246	CsX4, partial	>9181	1407384-1416564	no repeat found at extremities	rep1_CsX4, rep2_CsX4, rep3_CsX4